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Trudi Thompson
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PATENT

Applicant: **Brown**
Serial No.: **09/246,603**

Filed: **2/8/99**

Title: **SYSTEM FOR LOCATING
INFLAMED PLAQUE IN A VESSEL**

Examiner: **B. Casler**

Group Art Unit: **3737**

Atty Docket No.: **21120-202**

11/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

AMENDMENT

RECEIVED

Commissioner for Patents
Washington, D.C. 20231

JUL 05 2001
OFFICE OF PETITIONS

Sir:

Responsive to the Office Action mailed October 4, 2000, please amend the above-identified application as outlined below.

In The Claims

Please amend claims 1, 9, 16, and 23 as follows:

1. (Amended) A device for locating inflamed plaque on the wall of a vessel of a patient, the device comprising:

at least one receiver insertable into the vessel, the receiver being adapted to receive information from the patient;

a positioner capable of selectively positioning the at least one receiver in the vessel, the positioner including a flow passageway capable of allowing fluid to flow past the positioner; and

a sensor capable of receiving information from the receiver and determining whether inflamed plaque is present based upon the information received from the receiver.

9. (Amended) A device for measuring temperature in a vessel wall of a vessel of a patient, the device comprising:

at least one receiver, insertable into the vessel, for receiving information about the vessel wall;

a positioner capable of selectively positioning the at least one receiver proximate

a1

a2

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